Right for today, ready for tomorrow

IBM Personal System/2 Internal Tape Backup Convenience Kit

A cost-effective way to protect critical data

Whether you use a single IBM Personal System/2® to support your business or an entire network of PS/2s,® you probably create and store vital information every day. Now, thanks to the IBM Personal System/2 Internal Tape Backup Convenience Kit, you can be sure that vital information will be available when you need it.

With the PS/2 Internal Tape Backup Convenience Kit, you've got a simple and cost-effective way to add secure tape storage to your PS/2 Model 50 or 50 Z, 60, 70 386 or 80 386. The kit includes the IBM Personal System/2 Internal Tape Backup Unit that fits right inside your PS/2. It also includes the companion IBM Personal System/2 Tape Backup Program—as well as a formatted 80Mbyte tape minicartridge for backup and offline storage. So you have everything you need to begin backing up your fixed disk files without delay.

Save time and effort on setup. To install the PS/2 Internal Tape Backup Unit, you simply remove the cover and slide the unit into the optional diskette drive position on your PS/2. You don't have to connect an external power source or use an attachment cable. And since you don't need to add an adapter card, you save a valuable expansion slot for another use.

Store data on convenient minicartridges. The PS/2 Internal Tape Backup Unit records data on removable ¼-inch tape minicartridges that you can archive. Each cartridge holds up to 80Mbytes of information.

Take advantage of the PS/2 Internal Tape Backup Program. Designed for ease of use, the IBM Personal System/2 Internal Tape Backup Program enables you to back up and restore your entire fixed disk simply by selecting options from a menu or typing in a single command from the operating system prompt.

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The Bigger Picture

During backup, if your fixed disk holds more than 80Mb, the program prompts you to insert additional tape minicartridges to copy remaining data. It also features file selection capability—so you can back up only those files you choose. For extra convenience, the program offers an autotape option that you can set for any time, day or date to ensure backup is carried out on a regular schedule.

Highlights

Following are some of the features and functions that make the IBM Personal System/2 Internal Tape Backup Unit and Program ideal to use with your PS/2.

Internal-mount design keeps the work area clear—no extra desk space is required because the tape unit is housed inside your PS/2.

Simple installation saves you time and effort—no separate adapter card, power source or attachment cables are needed.

80Mbyte removable minicartridges offer convenient, high-capacity storage for archived files.

2Mb-per-minute backup rate (approximate) means you can back up 70Mb worth of files in about 35 minutes.

Built-in servo mechanism continuously adjusts the tape read/write head to keep it centered on the track. This feature also helps ensure that media can be interchanged among PS/2 Models 50 through 80 386 that have the tape unit and program installed.

Error correction code (ECC) algorithm—part of the licensed backup program—allows you to recover data from tapes that may have been damaged by accident or mishandling. In addition, it permits you to record data without a separate data verification pass.

Convenient menus and simple commands make the PS/2 Internal Tape Backup Unit and Program easy to use, whether you're backing up files or restoring them to fixed disk.

Online help facilities accompany every screen of the PS/2 Internal Tape Backup Program, so there's usually no need to pull out a manual and search for explanations of what to do next.

Program prompts tell you when to remove a full minicartridge and insert a new one if you're backing up more than 80Mb of files at a time.

Autotape, an automatic start capability, ensures backup is carried out on a regular schedule.[1]

Network support means you can back up any disk that you can access on your network. If the tape unit and program are installed in your PS/2, you can do this yourself.

File selection capability allows you to set up criteria for backing up a selection of files instead of backing up a complete fixed disk.

What you get

The IBM Personal System/2 Internal Tape Backup Convenience Kit contains:

- IBM Personal System/2 Internal Tape Backup Unit
  - Installation and testing instructions
  - One 3.5-inch diagnostic diskette
  - Two tape cover plates (one for PS/2 Models 50, 50 Z and 70 386; one for PS/2 Models 60 and 80 386)
- IBM Personal System/2 Internal Tape Backup Program
  - User's guide
  - One 3.5-inch program diskette
- One ¼-inch tape mini data cartridge, 3M DC2080 formatted Rhomat™ 80Mbytes

The PS/2 Internal Tape Backup Unit and Tape Backup Program are also available as separate offerings.

Warranty/Service

The IBM PS/2 Internal Tape Backup Program is licensed under the terms and conditions of the IBM Program License Agreement. Program Services, including the IBM Support Center, will be available until December 31, 1989. The program and media have a limited warranty of three months.

The IBM PS/2 Internal Tape Backup Unit has a one-year limited warranty. Extended service terms available for Personal System/2 computers cover this feature at no additional charge.

IBM Personal System/2 Internal Tape Backup Convenience Kit at a glance

Description	An internal tape drive and licensed program that together provide a convenient way to back up the fixed disks of PS/2 computers and protect critical data
Capacity	Up to 80Mbytes per minicartridge
Transfer speed	Approximately 2Mb per minute
Tape speed	Average 43 inches per second (ips) read/write, 63 ips rewind and fast forward, 500Kbits per second data transfer
Recording density	11,600 bits per inch
Supported systems	IBM Personal System/2 Models 50 and 50 Z, 60, 70 386 and 80 386
Supported networks	IBM Token-Ring Network, IBM PC Network
Supported programs	IBM PC Local Area Network Program Version 1.3, Novell SFT™ and Advanced NetWare® Version 2.11
Operating systems	IBM Disk Operating System (DOS) 3.3 or higher
Memory requirement	For DOS: 480Kb system RAM

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™ Rhomat is a trademark of 3M Company. SFT is a trademark of Novell Inc.
[1] For autotape to function, your PS/2 must be powered on.

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